

VDOT Solar Energy Development Project

Property Information Sheet



Property or Site Name Bartlett Area HQ
Address 13388 Smith's Neck Rd
City State Zip Carrollton, VA 23314
County Isle of Wright County

Property Size Acres 6.8 acres
GPS Coordinates 36.952534, -76.537163
Number of meters on site 1
Annual Energy Usage 63,941 kWh
Annual Demand Peak



Table 1: Solar PV Potential for Property.

Google Earth 3D Image

Solar array needed to meet annual kWh demand	0.06 MW (56.5 kW DC)
Number of 250 watt panels needed	226
Raw sq footage of solar panels	4,520 sqft
Sq footage of spaced solar panels	13,640
Roof sq footage available	8,126 sqft
Open area sq footage available	26,305 sqft

Site overview

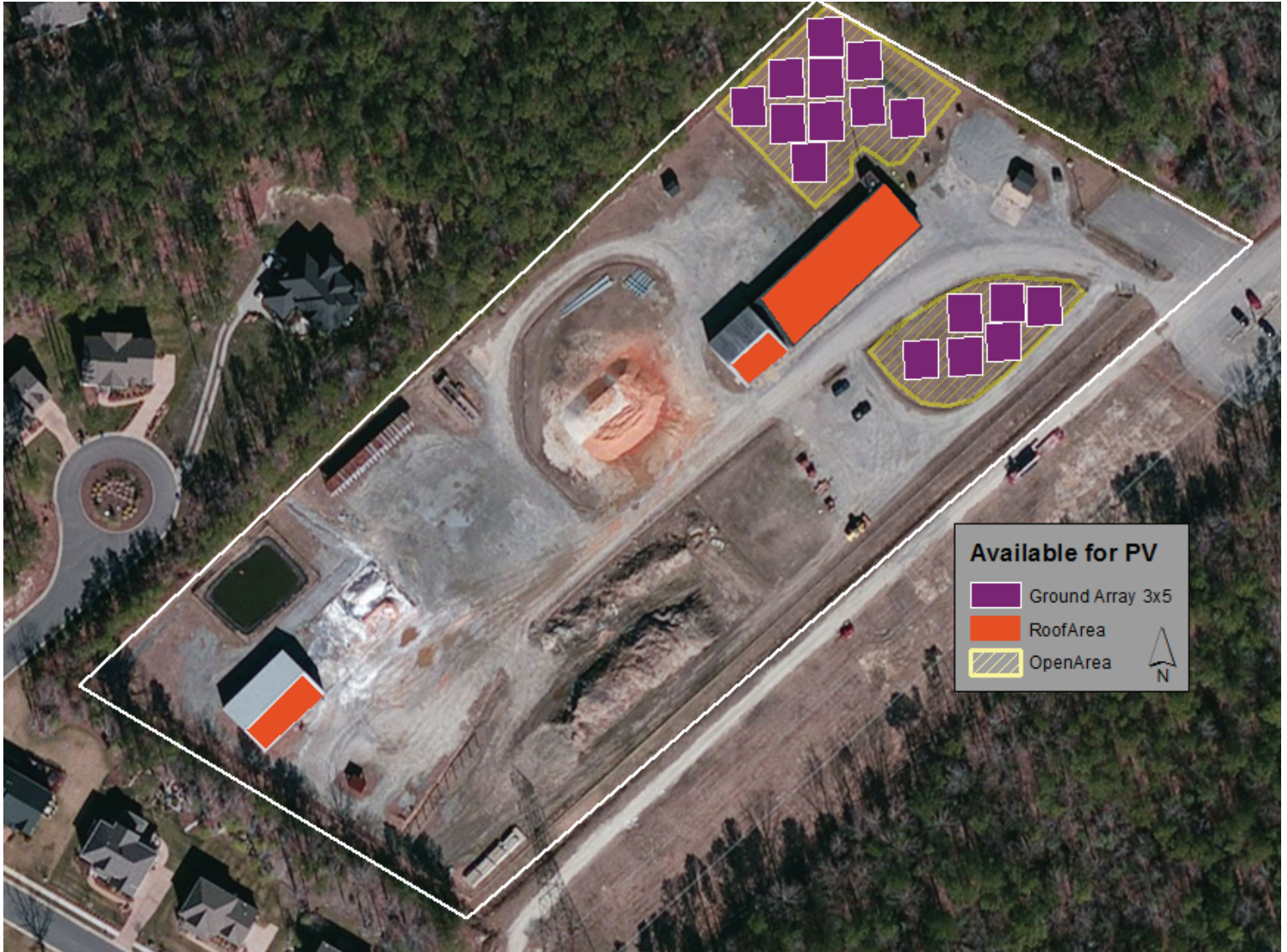
The Bartlett Area HQ appears to be still under construction. There are two small open areas which can accommodate 16 ground mounted racks of 15 250-watt solar panels each. The purple squares indicate these ground mount footprints and include the spacing to the next array to avoid shading. The site requires 226 solar panels and the ground mount system can fit 240 as shown here.

Nearby State Entities

None.

There do not appear to be any other state entities close to this property.

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Esri ArcGIS Screenshot

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